

cancer cells under conditions to amplify mainly NK cells, non-MHC-bound T cells, or MHC-bound killer T cells, said cancer cells being deficient for or having lower levels of class I antigen expression and expressing B7, or a combination of B7 and a cancer antigen, or a cell-binding factor,

wherein said amplified killer T cells are killer T cells specific to a cancer antigen.

11. (Amended) The method according to claim 9, wherein said cancer cells are stimulated by class-I negative or low-positive cancer cells or by a class-I negative cancer cell line transduced with a cancer antigen.

13. (Amended) The method according to claim 9 or 11, wherein said lymphocytes are collected from peripheral blood.

15. (Amended) A composition comprising anti-cancer lymphocytes obtained by:

incubating lymphocytes activated by an immunomodulator increasing cancer cell killing activity of said lymphocytes with cancer cells under conditions to amplify mainly NK cells, non-MHC-bound T cells, or MHC-bound killer T cells, said cancer cells being deficient for or having lower levels of class I antigen expression and expressing B7, or a combination of B7 and a cancer antigen, or a cell-binding factor,

wherein said amplified killer T cells are killer T cells specific to a cancer antigen.

17. (Amended) The composition according to claim 15, wherein said lymphocytes are stimulated by class-I negative or low-positive cancer cells or by a class-I negative cancer cell line transduced with a cancer antigen.

19. (Amended) The composition according to claim 15 or 17, wherein said lymphocytes are collected from peripheral blood.

Please add the following claims:

--21. The method according to any one of claims 15, 17, or 19, wherein cancer antigen specific killer T cells are induced by stimulation of said lymphocytes with said class-I negative or low-positive cancer cells or by class-I negative cancer cell line transduced with a cancer antigen.

22. The method according to any one of claims 15, 17, 19, or 21, wherein said lymphocytes are incubated without causing any substantial decrease in the killing activity.--